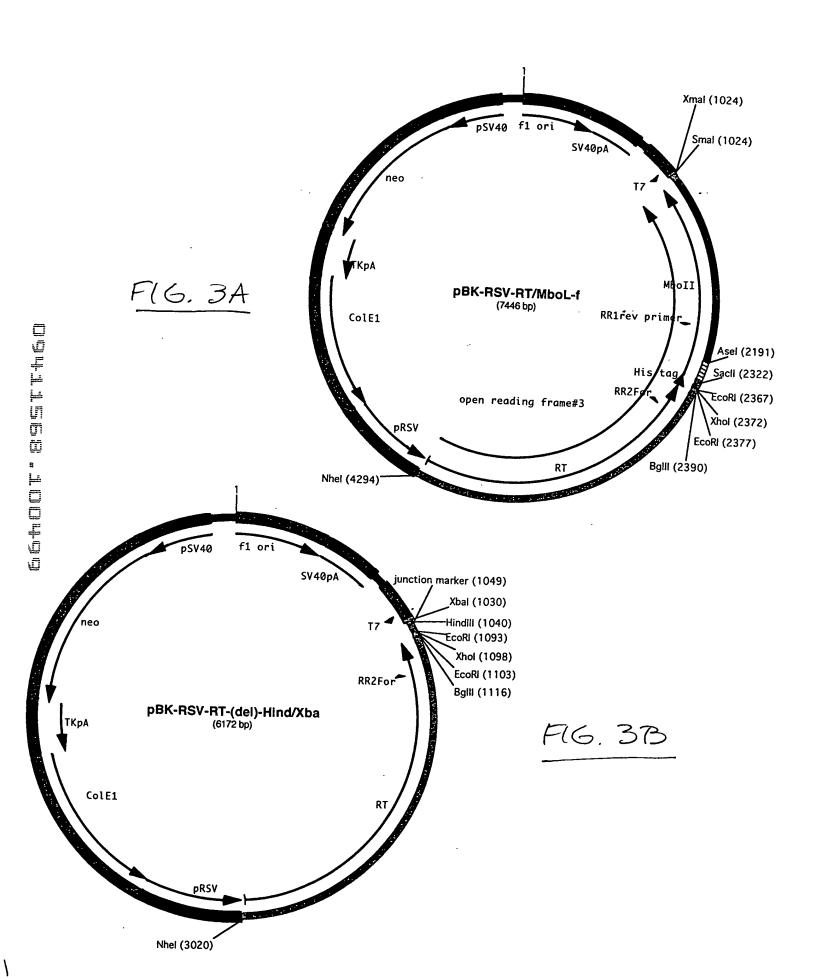
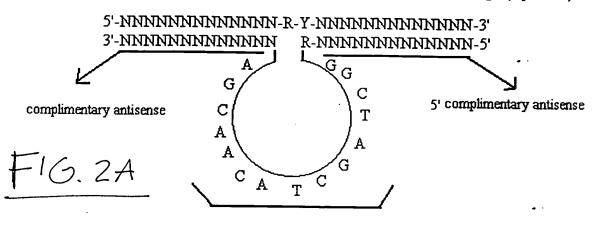
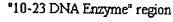


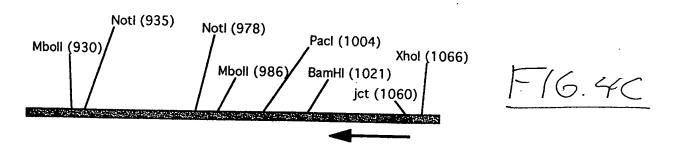
.



mRNA target (top strand)







jct (911) Pmel (901) HindIII (911) Nhel (895) AfIII (908) F16.40

863 taatacgactcactatagggagacccaagctggctagcgtttaaacttaagcttggtcggcggccattatgctgagtgatatccctctgggttcgaccgatcgcaaatttgaattcgaaccagccgcgg

Notl (935)

Mboli (930)

Notl (978) Mboll (986)

928 ttgaagagcggccgcactcacgatagagtgggagatgggcgcgagaaagtgcggccgctcttcaa aacttctcgccggcgtgagtgctatctcaccctctacccgcgctctttcacgccggcgagaagtt

Pacl (1004) BamHI (1021)

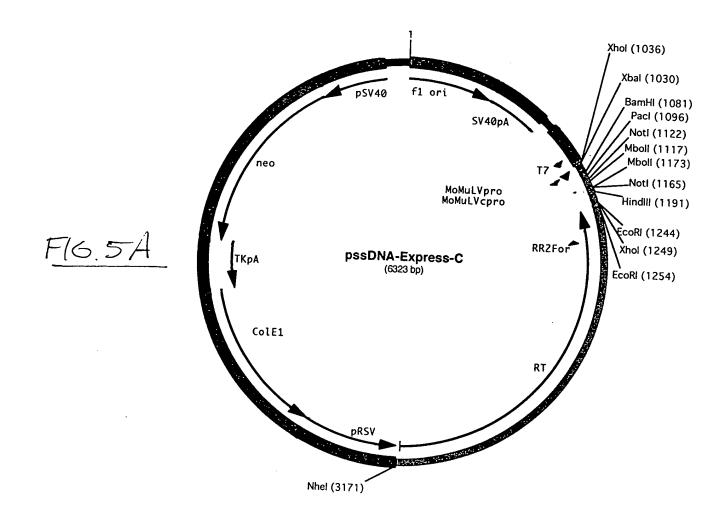
Apal (1078)

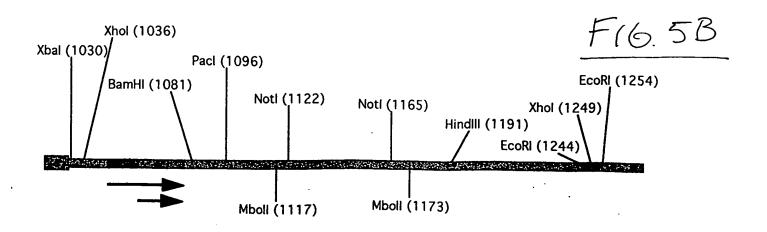
Xhol (1066) EcoO109I (1077)

jct (1060) Xbal (1072)

Pmel (1084)

1058 cctggccgctcgagtctagagggcccgtttaaacccgctgatcagcctcgactgtgccttcta ggaCfggcgagctcagatctcccgggcaaatttgggcgactagtcggagctgacacggaagat





F16.5C

Xhol (1036)

Xbal (1030)

BamHI (1081)

1019 CCCCACCcggATctagactcgagcggccaggggtctcccgatcccggacgagcccccaaaaaggatcccccg GGGGTGGgccTAGATCtgagctcgccggtccccagagggctagggcctgctcgggggtttttcctagggggc

Notl (1122)

Pacl (1096)

Mboll (1117)

1091 ctgacttaattaaggtcggcggccttgaagagcggccgcactttctcgcgcccatctcccactctatcgtga gactgaattaattccagccgcaggaacttctcgccggcgtgaaagagcgcgggtagagggtgagatagcact Mboll (1173)

Notl (1165)

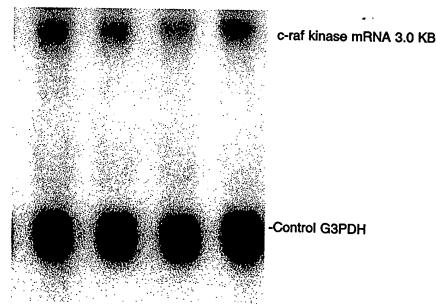
HindIII (1191)

EcoRI (1244) EcoRI (1254)

1235 gggggatccgaattctcgagaattcctggaggagat ccccctaggcttaagagctcttaaggacctcctcta

1. 2. 3. 4.

F16. 7



Northern blot of antisense producing vector: Lane # 1. 24 hr. transfection, lane #2. 40 hr. transfection, lane #3 48 hr. transfection, lane #4. control vector 48hr.

Noti (935)

Nhel (895)

HindIII (911)

Mboll (930)

Notl (978) Mboll (986)

971 agaaagtgcggccgctcttcaaggccgccgaccttaATGGTGGGCGCCTCGTTGTAGCTAGCCTCGGTGTGGGGatc tctttcacgccggcgagaagttccggcggctggaatTACCACCCGCGGAGCAACATCGATCGGAGCEACACCCCtag

Apal (1100)

Xbal (1094)

1048 ctttttgggggctcgtccgggatcgggagacccctggccgctcgagtctagagggcccgtttaaacccgctgatcag gaaaaacccccgagcaggccctagccctctggggaccggcgagctcagatctcccgggcaaatttgggcgactagtc

1125 cctcgactgtgccttctag ggagctgacacggaagatc

F16.6A

F16.6B

Notl (935)

Nhel (895)

HindIII (911)

Mboll (930)

ggctagcgtttaaacttaagcttggtcggcggccttgaagagcggccgcactcacgatagagtgggagatgggcgcgatcgcaaatttgaattcgaaccagccgccggaacttctcgccggcgtgagtgctatctcaccctctacccgc

Notl (978) Mboll (986)

cgagaaagtgcggccgctcttcaaggccgccgacctta ATAATGCATGTCTCGTTGTAGCTAGCCCAGGCGGAGgctctttcacgccggcgagaagttccggcggctggaatTATTACGTACAGAGCAACATCGATCGGGTCCGCCCTC

Apal (1099)

Xbal (1093)

atcctttttgggggctcgtccgggatcgggagacccttggccgctcgagtctagagggcccgtttaaacccgctgtaggaaaaacccccgagcaggccctagccctctggggaccggcgagctcagatctcccgggcaaatttgggcgac

atcagcctcgactgtgccttctag tagtcggagctgacacggaagatc Notl (935)

Nhel (895)

HindIII (911)

Mboll (930)

ggctagcgtttaaacttaagcttggtcggcggccttgaagagcggccgcactcacgatagagtgggagatgccgatcgcaaatttgaattcgaaccagccgccggaacttctcgccggcgtgagtgctatctcaccctctac

Notl (978) Mboll (986)

junction marker (1008)

ggcgcgagaaagtgcggccgctcttcaaggccgccgaccttaatGATGTAAGTCGTTGTAGCTAGCCTCCCcccgcgctctttcacgccggcgagaagttccggcggctggaattaCTACATTCAGCAACATCGATCGGAGGG

Apal (1095)

junction marker (1039)

Xbal (1089)

acccgctgatcagcctcgactgtgccttctag tgggcgactagtcggagctgacacggaagatc

F/6.6C

F16.6D

Notl (935)

Nhel (895)

Hindlli (911)

Mboll (930)

ggctagcgtttaaacttaagcttggtcggcggccttgaagagcggccgcactcacgatagagtgggagatgggcgccgatcgcaaatttgaattcgaaccagccgccggaacttctcgccggcgtgagtgctatctcaccctctacccgcg

Notl (978) Mboll (986)

gagaaagtgcggccgctcttcaaggccgccgacctta ATAGATGGAGACTCGTTGTAGCCCCCCTTGAGGGCActctttcacgccggcgagaagttccggctggaatTATCTACCTCTGAGCAACATCGATCGGGGGAACTCCCGT

GATTGGCGCCCGAACAGGGACTTGAAGGAGatcctttttggggggctcgtccgggatcgggagacccctggccgctcCTAACCGCGGGCTTGTCCCTGAACTTCCTCtaggaaaaacccccgagcaggccctagccctctggggaccggcgag

Apal (1131)

Xbal (1125)

gagtctagagggcccgtttaaacccgctgatcagcctcgactgtgccttctagctcagatctcccgggcaaatttgggcgactagtcggagctgacacggaagatc